

ABSTRACT

A briquette for use as steelmaking material and a method of manufacturing the same, capable of effective reusing of the shot waste. After dropping a solidification assistant into shot waste consisting of powder metal containing iron powder and shot beads, the shot waste is compression molded. The compression molded shot waste is dried. Alternatively, the shot waste is admixed with cutting sludge containing ferrous-metal cutting residue particles and a cutting fluid containing oil and water, thereby forming cotton-like agglomerations. The cotton-like agglomerations are compression molded, thereby forming a brittle compact, which has the fibrous cutting sludge roughly sheared and which is removed of excessive water and oil. The brittle compact is impregnated with the solidification assistant, solidified and dried.